



## HSB1

### Adjustable Hi-Gain WiFi Signal Booster

#### PACKAGE CONTENTS:

- ✧ One Wireless Signal Booster
- ✧ Power Adapter
- ✧ 2 Connector Cables
- ✧ Easy to follow owner's manual

#### Boost Your Wireless Distance Up To 6 Times!!!

- ✧ Easy Plug and Play Installation, No Software Necessary
- ✧ Works with Wireless 802.11b and 802.11g Standards
- ✧ Increase both, Transmitting and Receiving Power
- ✧ Instantly extend the range of your Wireless-b/g network
- ✧ Adjustable Power Settings for Specific Applications and Range Perimeters
- ✧ Most Powerful Home/Office Wireless Signal Booster on the Market

#### Erase the Boundries of your Wireless Network

The Hawking Technologies' Wireless Signal Booster for 802.11b and 802.11g WiFi networks is a unique device that boosts the signal and performance of your wireless device. The average power output of standard wireless access points is under 100mW, while the Hawking HSB1 is capable of boosting power output to a staggering 500mW!!! The Hawking Wireless Signal Booster connects to the antenna connector of your wireless access point. The HSB1 is the perfect solution for covering large areas in multiple environments. Whether your application calls for extending your wireless signals to an extra loft in your house or an extra ballroom in a hotel, the Hawking Signal Booster has you covered. The unique Adjustable Power Settings feature of the Signal Booster lets you control the range and power output (100mW to 500mW) of your wireless network for security purposes and specific applications where you wish to only cover a certain area.

#### Plug and Play - Easy Installation - Sets Up in Seconds

Installation of the Hawking Signal Booster is as simple as it gets.

- 1) unscrew the antenna from your wireless access point.
- 2) Use the included connector cable to connect your wireless device to the Signal Booster.
- 3) Plug in the power adapter, adjust your power settings accordingly using the switch on the side of the Signal Booster and you're ready to experience enhanced wireless coverage.

# Wireless 802.11b/g Adjustable Signal Booster

CONNECT WHEREVER YOU WANT • WHENEVER YOU WANT

## CAREFREE WIRELESS



### HSB1

**Adjustable Hi-Gain  
WiFi Signal Booster  
2 Year WAranty**

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#### READY, NETWORK & GO!

It's easy to install, it's easy to use! Everyone can do it.

##### Step 1 Remove your Oringal Antenna

Unscrew the stock antenna from your Hawking wireless access point

##### Step 2 Connect to the Signal Booster

Use the included connector cable to attach the Signal Booster to the antenna jack on your Hawking wireless access point or adapter.

##### Step 3 Adjust your Settings and Connect the Power

Adjust the power output settings using the switch on the Signal Booster and plug in the power adapter.



#### RELATED PRODUCT INFORMATION:

**HWBA54G** Hi-Speed 54G Wireless Access Point, Bridge, Repeater

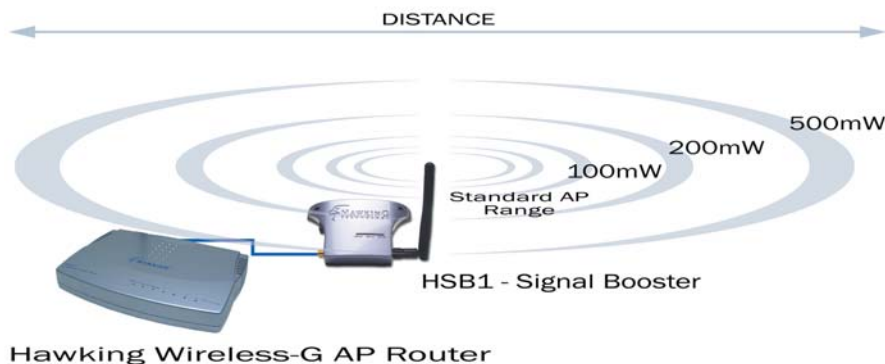
**HAI6SIP** Hi-Gain 6dBi Omni-Directional Range Extending Antenna

**HAI6SDP** Hi-Gain 6dBi Directional Range Extending Antenna

**HWU54D** Hi-Gain Wireless-G Extended Range USB 2.0 Network Adapter

**HWC54D** Hi-Gain Wireless-G Extended Range Laptop Card

#### SIGNAL BOOSTER PERFORMANCE DIAGRAM:



#### SPECIFICATION:

##### Network/Operating Range

IEEE 802.11b WLAN Standard  
IEEE 802.11g WLAN Standard  
2400 - 2500 MHz

**Transmit Gain:** up to 27 dB

**Frequency Response:** +/- 1 dB

**Output Power:** 100/200/500mW

**Input Power:** 3 dBm min; 20dBm max

**Receiver Gain:** 10-13 dBm, 12 dBm Typical

**Noise Figure:** 3.5 dB typical

##### Connectors:

**Input:** SMA Jack

**Cables:** RP-SMA to RP-SMA (Non-Standard)  
RP-TNC to RP-TNC (Non-Standard)

**Antenna:** Reverse SMA Jack

**Power:** External Power Adapter (12V, 1.25A)

**DC Surge Protection:** Available

**Cable Length:** 1 Meter

##### SYSTEM REQUIREMENTS:

- 802.11b or 802.11g Wireless Network

#### Typical Operation Range

(Range will vary from depending on the output power of your wireless device, environmental conditions, and antenna gain.)

POWER MODE	INDOOR RANGE	OUTDOOR RANGE
100mW (Low)	300 ft	900 ft
200mW (Med)	600 ft	1800 ft
500mW (High)	1200 ft	3800 ft

**Standards:** 802.11b/g compliant

**Dimension:** 2.25" L x 4" W x 1.25" H

**EMI Conformance:** FCC part 15 Class B (ID: SOYHSB1)

FCC Note: Certified by the FCC to work as a single system with the Hawking HWBA54G (HWBA54GT) Access Points. More device certifications pending approval and conformance.

\*The range will vary in different operating environments due to effects such as building construction.

Features	Benefits
Works with 802.11b and 802.11g	Guaranteed to work on Most Wireless Networks
Up to 500mW of Boost Power	Increase Wireless Distance up to 600%
Adjustable Power Settings	Allows for User Controlled Wireless Environment
No Software Installation	Setup is quick and simple